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## Oracle/Sun JRE Upgrade Instructions

The Oracle Corporation is no longer upgrading JInitiator for Windows operating systems. They recommend converting to Sun's Java Runtime Environment (JRE). This document provides detailed instructions for upgrading to JRE. This upgrade will be required for accessing the latest version (2.2.9) of the Caltran's Construction Extra Work Bill (EWB) System via the Internet using Internet Explorer 7 or 8.

If your computer does not have the JRE the new software will be loaded automatically when you sign in to EWB. You will need to have administrator rights on your computer to follow these instructions. If you do not have administrator rights you will have to contact your technical support staff or help desk.

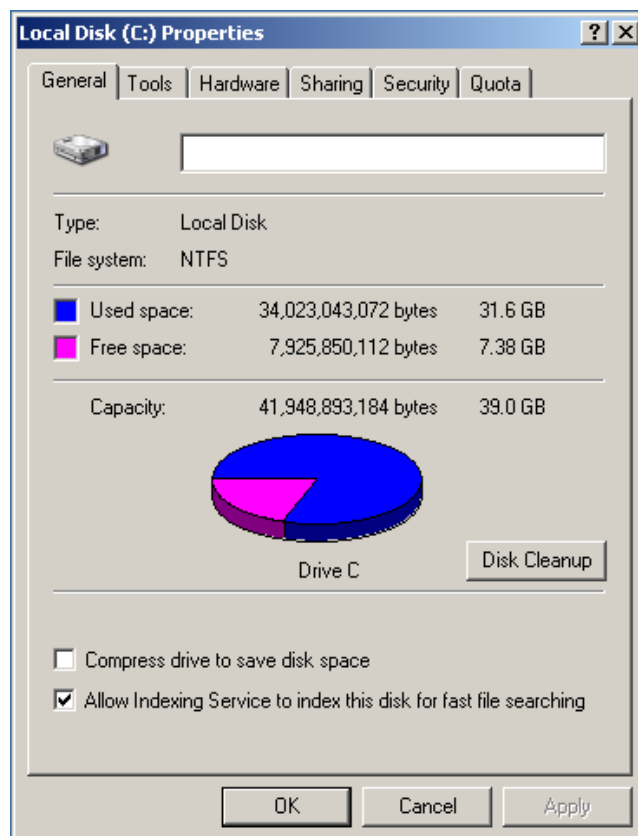
Security concerns have forced us to advance from JRE 1.6.0\_20 to JRE 1.6.0.35 to run EWB. These instructions have been modified for any changes in the install.

Before attempting to install any software it is always recommended to check for adequate disk drive space available to insure a successful installation. Since it is assumed that these instructions will only upgrade existing software, the amount of free disk space required (preferably on the local "C:" drive) to install is relatively small (only 1.8 megabytes).

### ***Verify Hard Disk Space***

- Using Windows Explorer on XP highlight the drive where the JRE will be installed (this should be the same drive as the Program Files folder).

Right click on the drive and select properties. The following window should appear:



## ***JRE Install Directions for Windows XP***

(Firefox users see the last pages of this document)

Once the workstation has been verified to contain the necessary amount of free disk space you may sign in to the website to get the JRE installed. It may already be installed for some other program besides EWB.

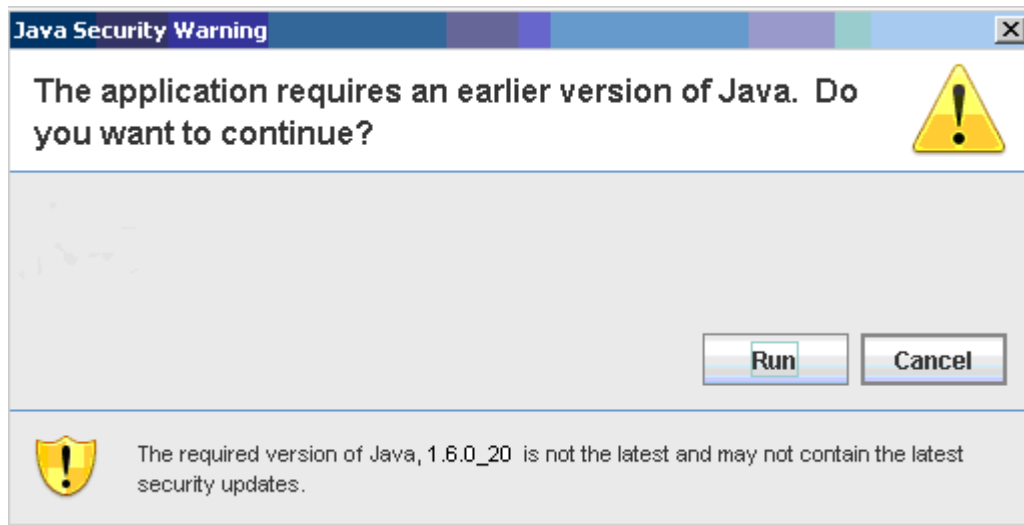
For external users please use the following URL to get on the EWB system:

<http://svctdb36.dot.ca.gov:7777/forms/frmservlet?config=EWBJRE2012prod>

For Caltrans users please use this URL:

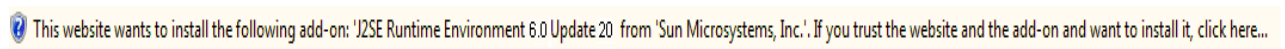
<http://svctdb34.dot.ca.gov:7777/forms/frmservlet?config=EWBJRE2012prod>

If there already is a newer JRE than the one that EWB is providing the following window will appear:



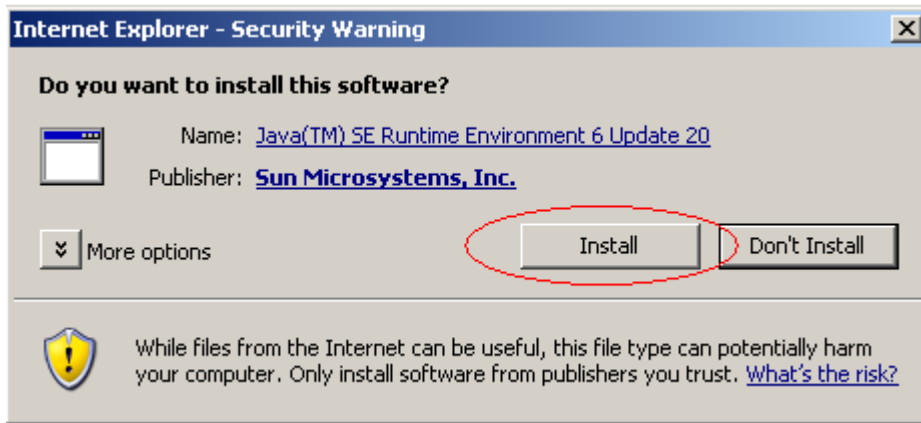
Please click the run button, as this will be the version that Oracle has certified for use with their software.

If Sun's JRE is not found you will get a bar across the top of the browser window like the following:



- Click on the bar and choose "Install ActiveX control"

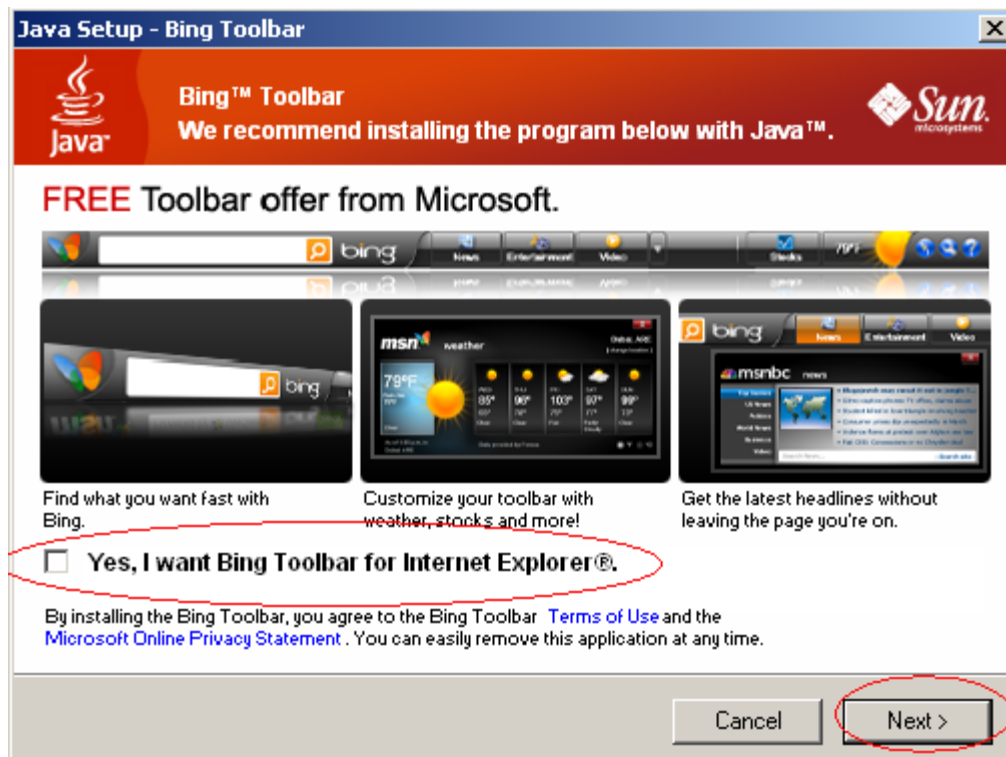
- You will get the following security warning; Click on the “Install” button.



- Click on the “Install” button on the Welcome to Java window.



- **Deselect** the checkbox for Bing Toolbar for IE. Click the “Next” button.



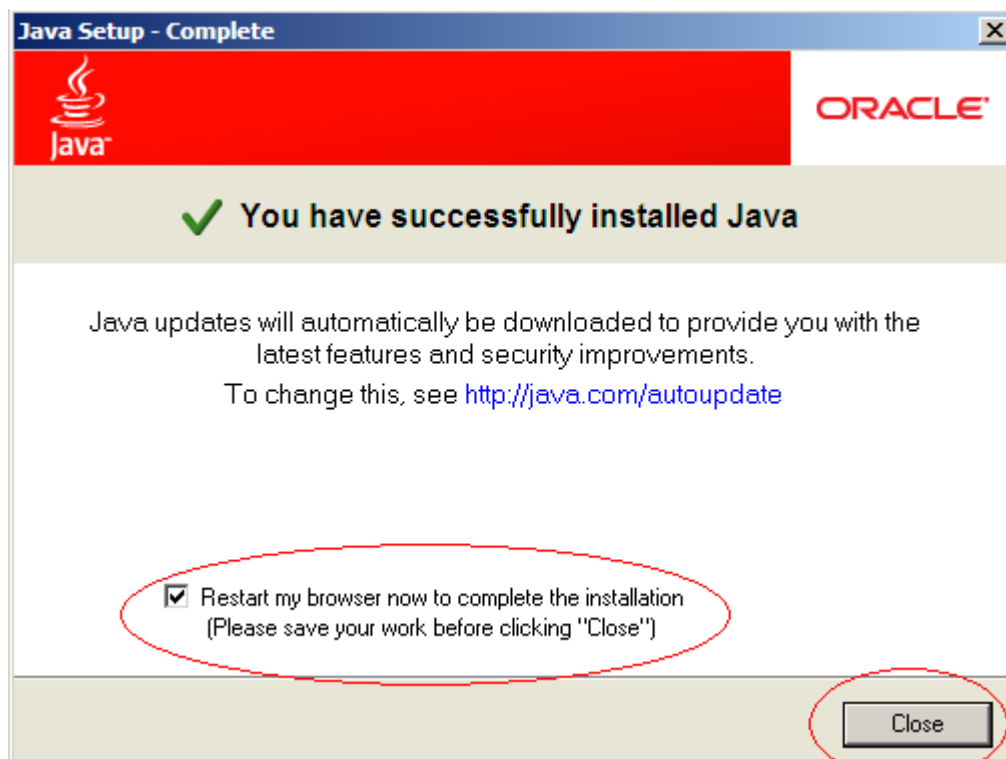
- **Deselect** the checkbox for McAfee Security Scan Plus. Click the “Next” button.



- The Install Progress window will appear:



- The following window will appear at the end.
- Click the “Close” button. This completes the JRE Install.



## Verify Java Version

Check to ensure that you have the recommended version of Java installed for your operating system.

Verify Java version



If you recently completed your Java software installation, you may need to restart your browser (close all browser windows and re-open) before verifying your installation.

- Ignore this check and “Close” the browser .

## ***EWB Sign-on with the New JRE***

Wait until you get the EWB sign-in window. Sign in with your User ID and password as usual.



Logon

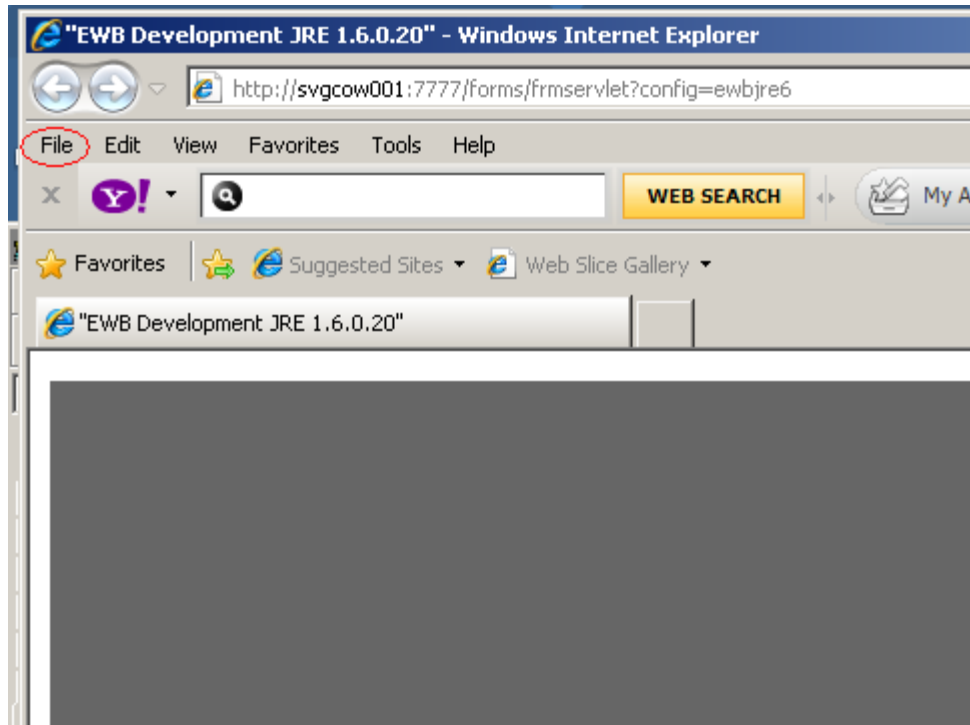
Username:

Password:

Database:

Connect Cancel

If the EWB sign-in window does not appear:

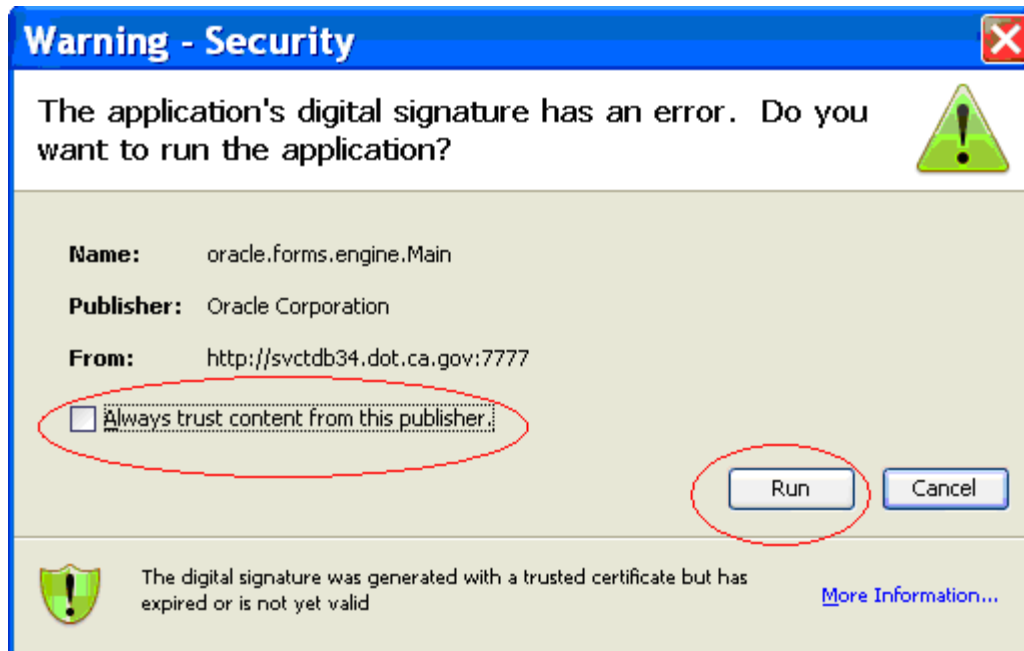


- Close the web browser.
- Re-start it.
- And go to the EWB URL:  
For external users please use the following URL to get on the EWB system:  
<http://svctdb36.dot.ca.gov:7777/forms/frmservlet?config=EWBJRE2012prod>  
  
For Caltrans users please use this URL:  
<http://svctdb34.dot.ca.gov:7777/forms/frmservlet?config=EWBJRE2012prod>
- 
- EWB should behave as it has in the past.

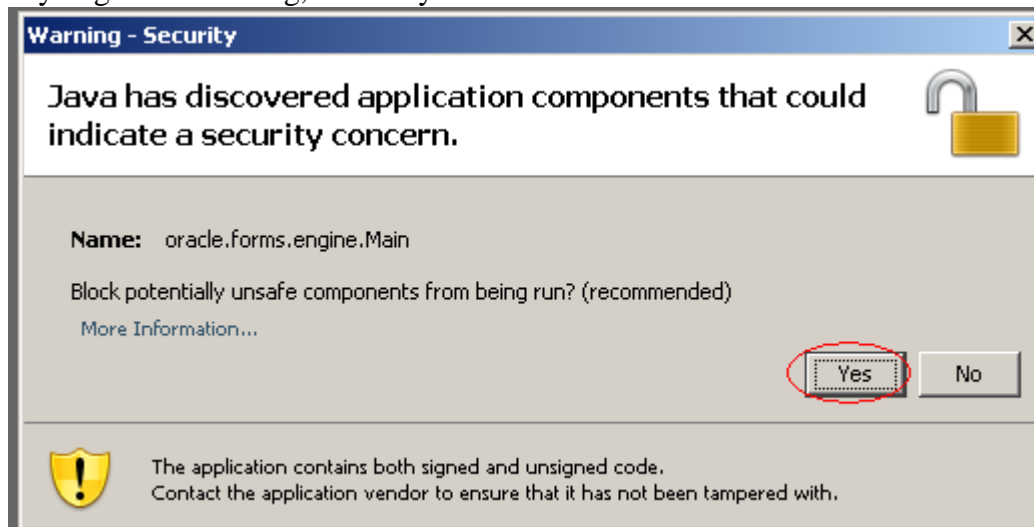


During the EWB sign-on process, you may get an expired certificate window similar to one of these two images below:

1. If you get this warning, please click on 'Always trust content' to accept certificates from Caltrans. You will not get this warning again if the box is checked. Click on the "Run" button. You are done with the install process.



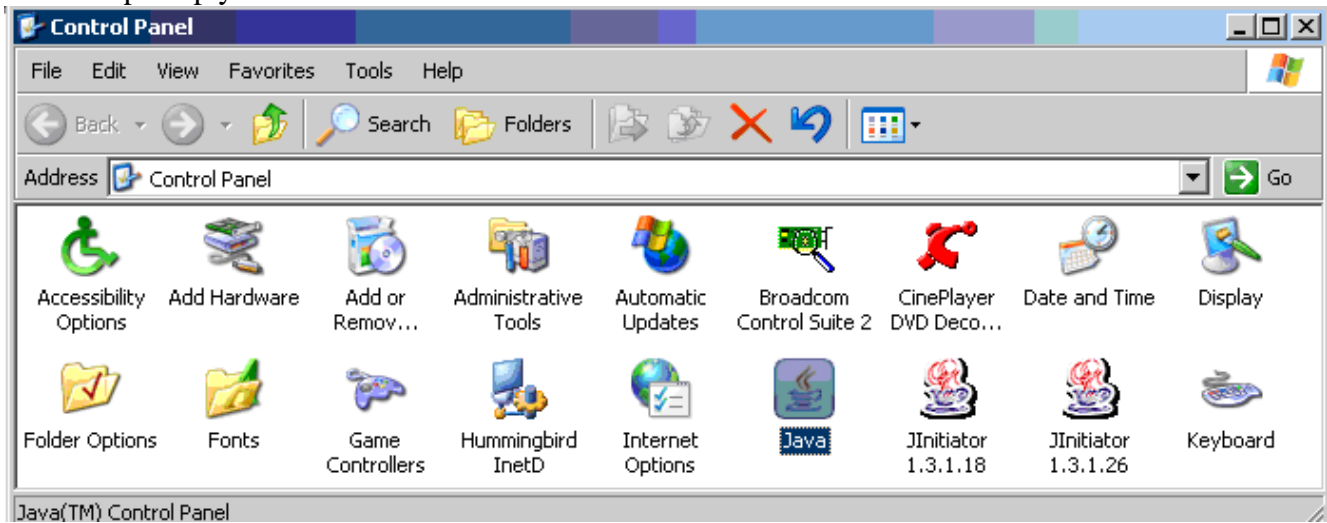
2. If you get this warning, You may chose Yes or No button and EWB will still run.



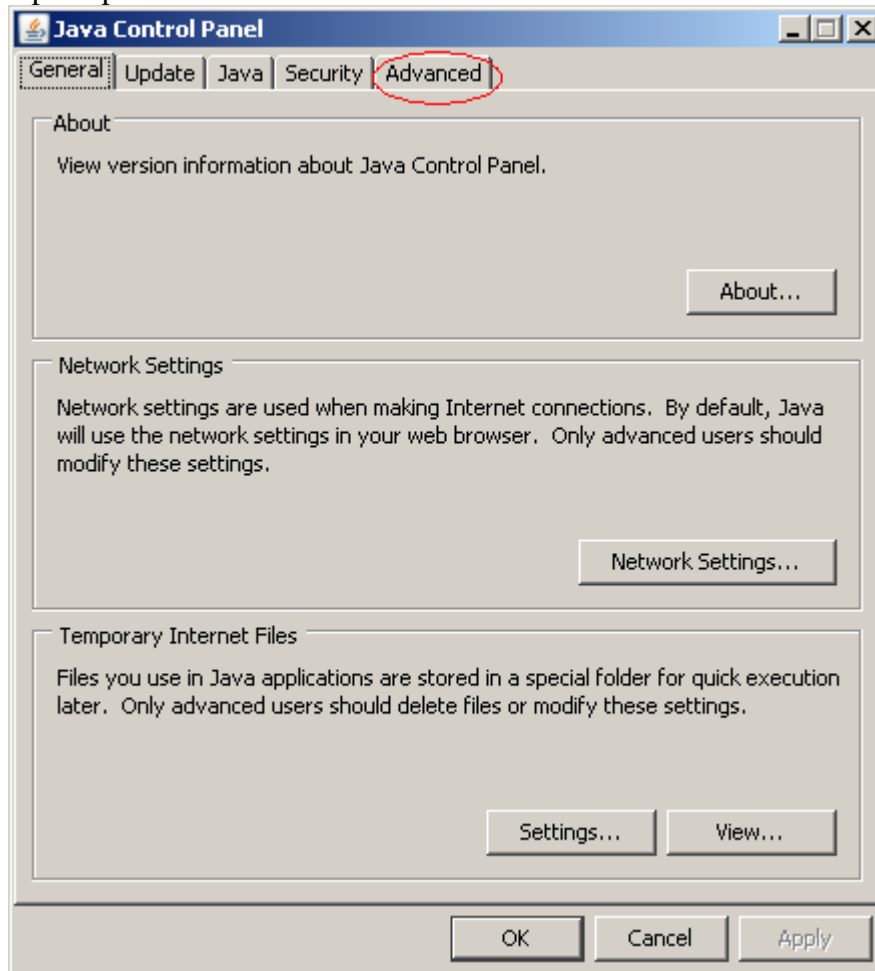
### Avoiding the Java Security Question for Warning Message Two

If you wish to avoid having to answer this security question every time that you log in EWB follow these instructions.

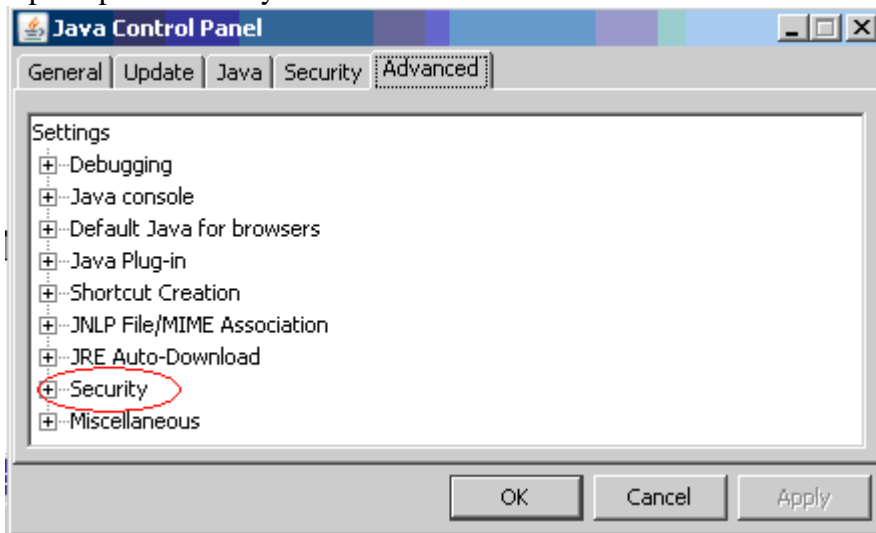
1. Open up your Control Panel



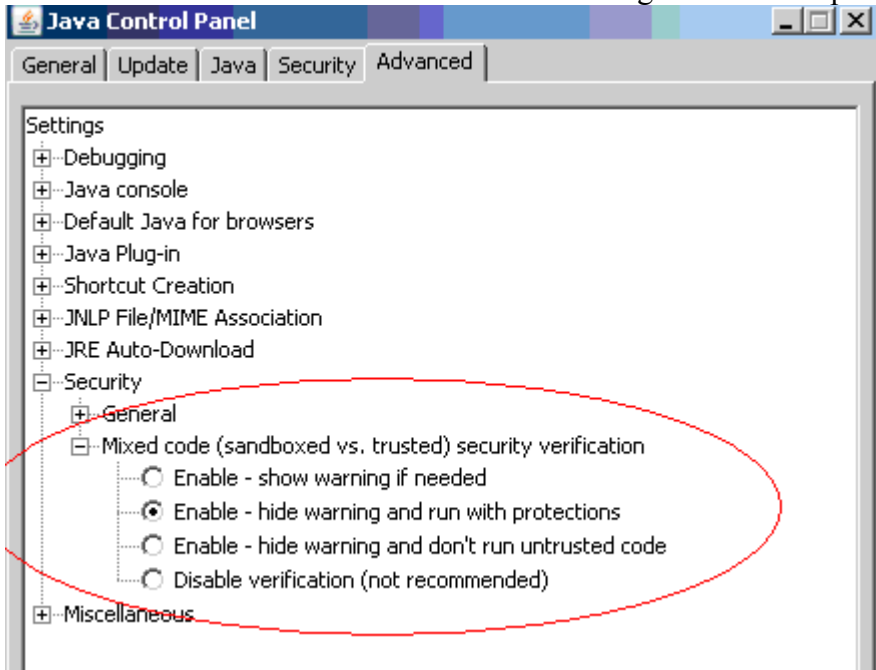
2. Open up the Java Control Panel and click on the Advanced tab



3. Open up the Security section



4. Under Mixed code choose “Enable – hide warning and run with protections”



5. Click Ok and close the control panel. This completes the Java Warning Message Two section.

## Problem and Resolution Section

If you experience no problems during the installed process above, you can skip to the remaining sections unless you use Firefox. If you do, you may jump to that section.

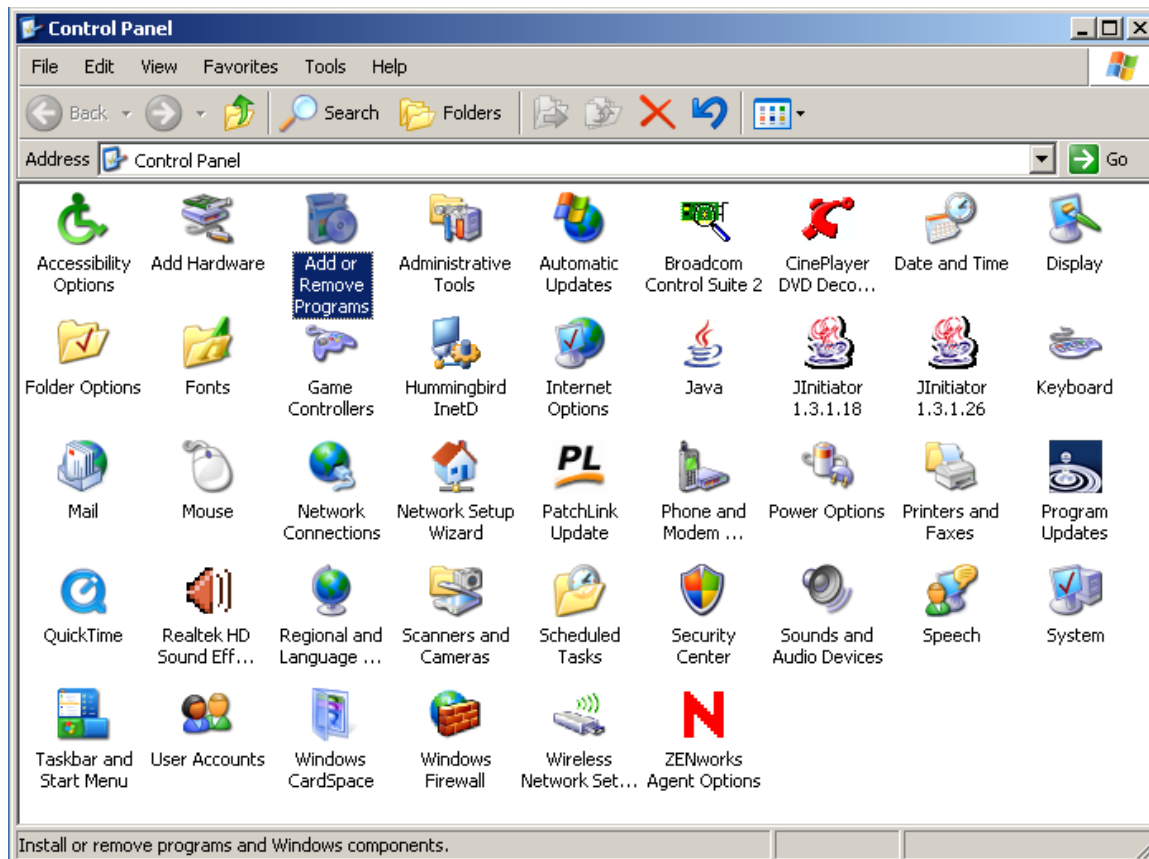
### ***Conflict with the Old JInitiator and the new JRE***

You may have a conflict with the old JInitiator and the new JRE. If so, you will need to uninstall the JInitiator with the following instructions. If JInitiator is used by another system that you use it will asked to be re-installed when you use that system.

### **Uninstall Oracle JInitiator for XP**

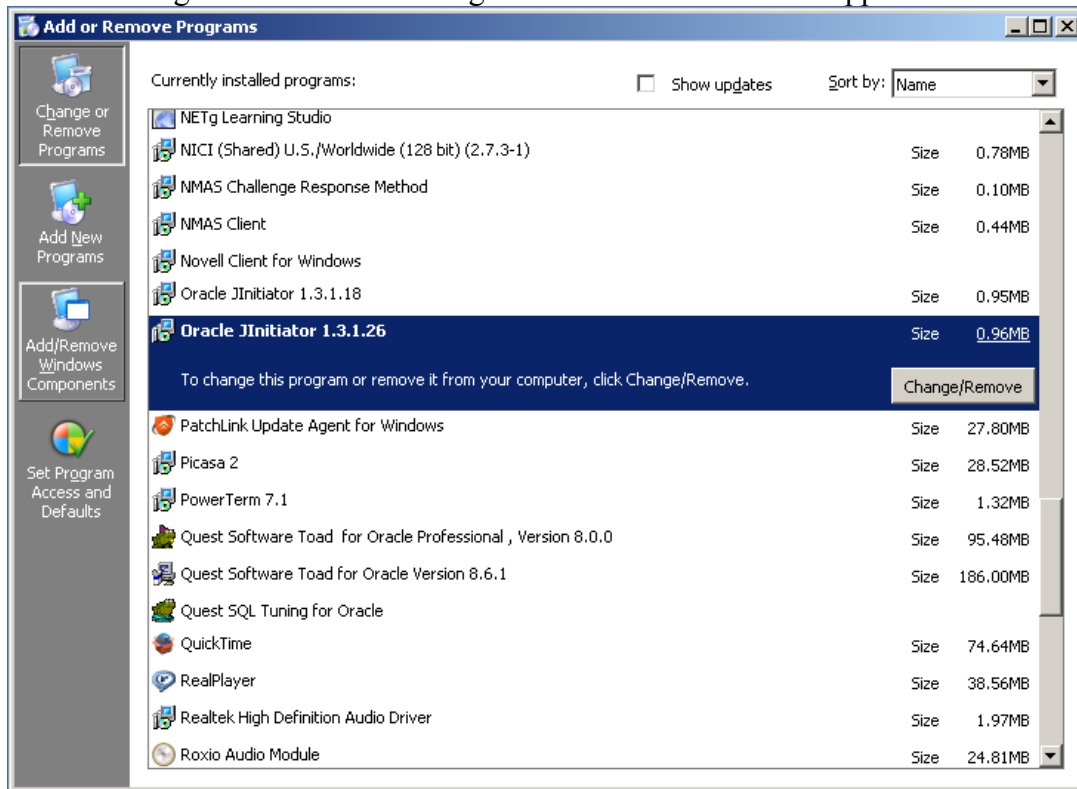
To start the uninstall process,

- Go to the Windows Control Panel menu by clicking the Windows “Start” button
- From the “Start” menu navigate to “Settings” then “Control Panel”
- The following “Control Panel” menu screen should appear:



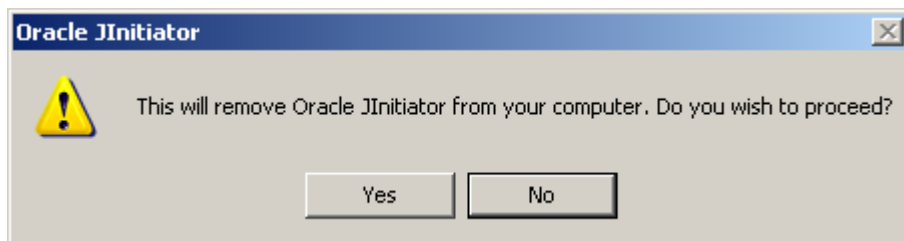
The next step in the process is to use the “Add/Remove Programs” utility to uninstall any existing JInitiator plug-in applications.

- From the Windows Control Panel menu double click on “Add or Remove Programs”
- The following “Add or Remove Programs” menu screen should appear:

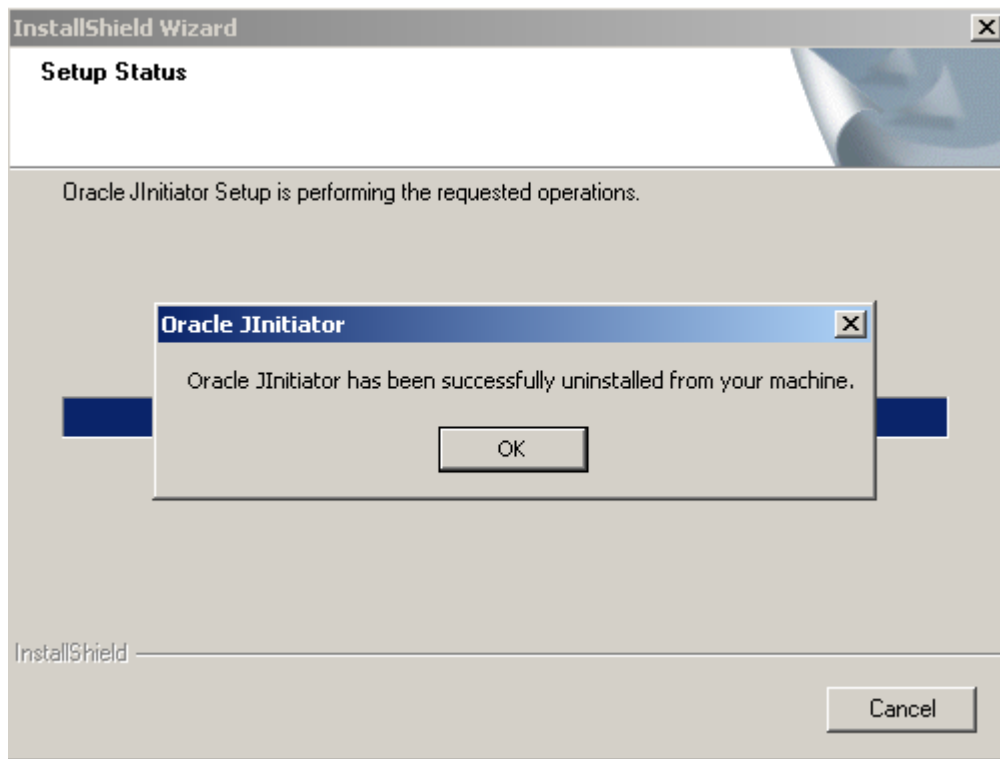


Identify the Windows utility or application to uninstall using the “Add or Remove Programs” menu.

- From the list of applications appearing in the Windows “Add or Remove Programs” menu screen, select the application (Oracle JInitiator 1.3.1.26) to be uninstalled by highlighting the name from the list.
- After making the selection click the “Change/Remove” button
- The next screen you should see is a confirmation warning screen. Select “Yes” if you are sure the (Oracle JInitiator) application is the one you selected.



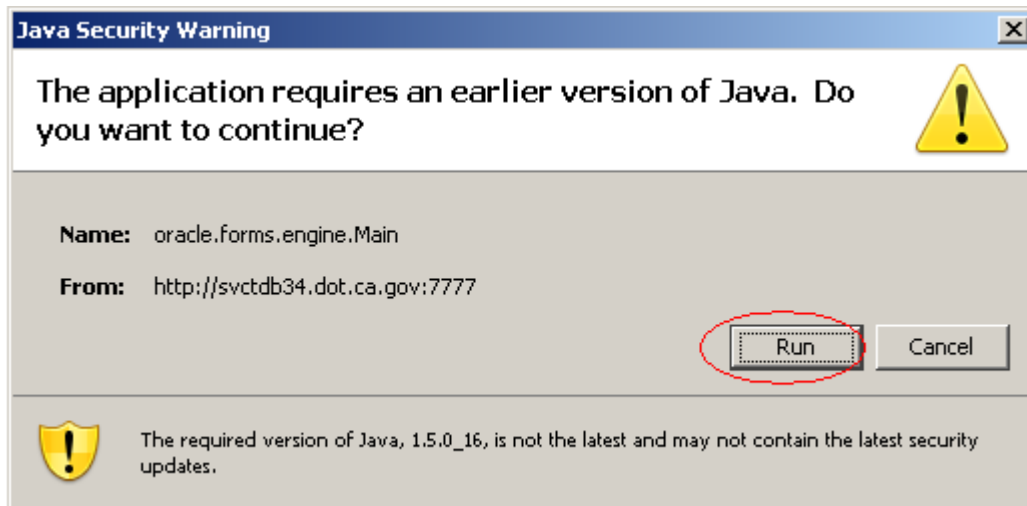
After selecting “Yes”, the following screens should appear after the uninstall:



Close this window, the “Add or Remove Programs” window, and the “Control Panel”. You should also remove older versions of JInitiator. You are now ready to proceed with installing Sun’s JRE if you haven’t done so already.

### ***Conflict with the Old JRE and New JRE***

When another application requires an older JRE, you will be shown another window like the following. Click on the “Run” button”.



JRE 1.6.0.35

## **Firefox Instructions**

The above instructions were written for Internet Explorer users. The automatic download does not work for Firefox. Firefox will use the JRE after Internet Explorer downloads it. Or you may download the JRE installation package from the website that you got these instructions:  
<http://www.dot.ca.gov/hq/construc/iewb/requirements.htm>